

# Section B

## Vehicle, Aircraft, and Vessel Inventory

Table 1-9

## Number of U.S. Aircraft, Vehicles, Vessels, and Other Conveyances

	1960	1965	1970	1975	1980	1985	1990	1995	1996	1997	1998
<b>Air</b>											
Air carrier <sup>a</sup>	2,135	2,125	2,679	2,495	3,808	4,678	6,083	7,411	7,478	7,616	8,111
General aviation <sup>b</sup> (active fleet)	76,549	95,442	131,743	168,475	211,045	210,654	196,800	188,100	191,100	192,400	204,710
<b>Highway (registered vehicles)</b>											
Passenger car	61,671,390	75,257,588	89,243,557	106,705,934	121,600,843	127,885,193	133,700,496	128,386,775	129,728,341	129,748,704	131,838,538
Motorcycle	574,032	1,381,956	2,824,098	4,964,070	5,693,940	5,444,404	4,259,462	3,897,191	3,871,599	3,826,373	3,879,450
Other 2-axle 4-tire vehicle	N	<sup>g</sup>	14,210,591	20,418,250	27,875,934	37,213,863	48,274,555	65,738,322	69,133,913	70,224,082	71,330,205
Truck											
Single-unit 2-axle 6-tire or more truck	N	13,999,285	3,681,405	4,231,622	4,373,784	4,593,071	4,486,981	5,023,670	5,266,029	5,293,358	5,734,925
Combination truck	<sup>h</sup> 11,914,249	786,510	905,082	1,130,747	1,416,869	1,403,266	1,708,895	1,695,751	1,746,586	1,789,968	1,997,345
Bus	272,129	314,284	377,562	462,156	528,789	593,485	626,987	685,503	694,781	697,548	715,540
<b>Total highway</b>	<b>74,431,800</b>	<b>91,739,623</b>	<b>111,242,295</b>	<b>137,912,779</b>	<b>161,490,159</b>	<b>177,133,282</b>	<b>193,057,376</b>	<b>205,427,212</b>	<b>210,441,249</b>	<b>211,580,033</b>	<b>215,496,003</b>
<b>Transit<sup>c</sup></b>											
Motor bus	49,600	49,600	49,700	50,811	59,411	64,258	58,714	67,107	71,678	<sup>R</sup> 72,770	<sup>P</sup> 74,641
Light rail cars	2,856	1,549	1,262	1,061	1,013	717	913	999	1,140	1,229	<sup>P</sup> 1,205
Heavy rail cars	9,010	9,115	9,286	9,608	9,641	9,326	10,419	10,157	10,201	10,242	<sup>P</sup> 10,301
Trolley bus	3,826	1,453	1,050	703	823	676	832	885	871	859	<sup>P</sup> 880
Commuter rail cars and locomotives	N	N	N	N	4,500	4,035	4,415	4,565	4,665	4,943	<sup>P</sup> 4,907
Demand response	N	N	N	N	N	14,490	16,471	29,352	30,804	<sup>R</sup> 32,509	<sup>P</sup> 32,899
Other <sup>d</sup>	N	N	N	N	N	867	1,197	2,809	3,003	<sup>R</sup> 3,808	<sup>P</sup> 4,137
<b>Rail</b>											
Class I											
Freight cars	1,658,292	1,478,005	1,423,921	1,359,459	1,168,114	867,070	658,902	583,486	570,865	568,493	575,604
Locomotive	29,031	27,780	27,077	27,846	28,094	22,548	18,835	18,812	19,269	19,684	20,261
Nonclass I freight cars	32,104	37,164	29,787	29,407	102,161	111,086	103,527	84,724	87,364	116,108	121,659
Car companies and shippers freight cars	275,090	285,793	330,473	334,739	440,552	443,530	449,832	550,717	582,344	585,818	618,404
Amtrak											
Passenger train car	N	N	N	1,913	2,128	1,854	1,863	1,722	1,730	1,728	1,962
Locomotive	N	N	N	355	419	291	318	313	299	332	345
<b>Water</b>											
Nonself-propelled vessels <sup>e</sup>	16,777	17,033	19,377	25,515	31,662	33,597	31,209	31,360	32,811	33,011	33,509
Self-propelled vessels <sup>f</sup>	6,543	6,083	6,455	6,144	7,126	7,522	8,236	8,281	8,293	8,408	8,523
Oceangoing steam and motor ships (1,000 gross tons and over)	2,926	2,376	1,579	857	864	737	636	509	495	477	470
Recreational boats	2,500,000	6,400,000	7,400,000	<sup>R</sup> 7,303,286	<sup>R</sup> 8,577,857	9,589,483	10,996,253	11,734,710	11,877,938	12,312,982	12,565,930

KEY: N = data do not exist; P = preliminary; R = revised

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**Table 1-9**  
Cont'd**Number of U.S. Aircraft, Vehicles, Vessels, and Other Conveyances**

<sup>a</sup> Air carrier aircraft are those carrying passengers or cargo for hire under 14 CFR 121 and 14 CFR 135. Beginning in 1990, the number of aircraft is the monthly average of the number of aircraft reported in use for the last three months of the year. Prior to 1990, it was the number of aircraft reported in use during December of a given year.

<sup>b</sup> 1991-94 data revised to reflect changes in adjustment for nonresponse bias with 1996 telephone survey factors; 1995-97 data may not be comparable to 1994 and earlier years due to changes in methodology. Includes air taxi aircraft.

<sup>c</sup> Prior to 1984, excludes most rural and smaller systems funded via Sections 18 and 16(b)(2), Urban Mass Transportation Act of 1964, as amended. Also prior to 1984, includes total vehicles owned and leased.

<sup>d</sup> Other includes aerial tramway, automated guideway transit, cablecar, ferry boat, inclined plane, monorail, and vanpool.

<sup>e</sup> Nonself-propelled vessels include dry-cargo barges, tank barges and railroad-car floats.

<sup>f</sup> Self-propelled vessels include dry-cargo and/or passenger, offshore supply vessels, railroad-car ferries, tankers and towboats.

<sup>g</sup> Included in single-unit truck.

<sup>h</sup> All trucks.

**NOTES:** Transit motor bus figure is also included as part of bus in the highway category.

For more detail on oceangoing vessels, see table 1-19

**SOURCES:****Air:**

*Air carrier:* 1960-65: U.S. Department of Transportation, Federal Aviation Administration, *EAA Statistical Handbook of Aviation, 1970* (Washington, DC : 1970), table 5.3.

1970-75: Ibid., *1979 edition* (Washington, DC: 1979), table 5.1.

1980-85: Ibid., *Calendar Year 1986* (Washington, DC: 1986), table 5.1.

1990-97: Ibid., *Calendar Year 1997* (Washington, DC: unpublished), table 5.1, personal communication, March 19, 1999.

1998: Aerospace Industries Association, *Aerospace Facts and Figures* (Washington DC: 1999/2000), "Active U.S. Air Carrier Fleet".

*General aviation:* 1960-65: U.S. Department of Transportation, Federal Aviation Administration, *EAA Statistical Handbook of Aviation, 1969* (Washington, DC: 1969), table 9.10.

1970-75: Ibid., *Calendar Year 1976* (Washington, DC: 1976), table 8-6.

1980: Ibid., *General Aviation Activity Survey, Calendar Year 1980* (Washington, DC: 1981), table 1-3.

1985: Ibid., *Calendar Year 1985* (Washington, DC: 1987), table 2-9.

1990-98: Ibid., *General Aviation and Air Taxi Activity Survey, Calendar Year 1998* (Washington, DC: unpublished), table 1.3.

**Highway:**

*Passenger car:* 1960-90: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics Summary to 1995*, FHWA-PL-97-009 (Washington, DC: July 1997), table MV-201.

1995-98: Ibid., *Highway Statistics* (Washington, DC: Annual issues), table VM-1.

*Motorcycle:* 1960-90: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics Summary to 1995*, FHWA-PL-97-009 (Washington, DC: July 1997), table MV-201.

1995-98: Ibid., *Highway Statistics* (Washington, DC: Annual issues), table VM-1.

*Other 2-axle 4-tire vehicles:* 1970-90: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics Summary to 1995*, FHWA-PL-97-009 (Washington, DC: July 1997), table VM-201A.

1995-98: Ibid., *Highway Statistics* (Washington, DC: Annual issues), table VM-1.

*Single-unit and combination trucks, and buses:* 1960-90: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics Summary to 1995*, FHWA-PL-97-009 (Washington, DC: July 1997), table VM-201A.

1995-98: Ibid., *Highway Statistics* (Washington, DC: Annual issues), table VM-1.

**Transit:**

1960-97: American Public Transit Association, *Transit Fact Book* (Washington, DC: 1999), table 44.

1998: Ibid., *Public Transportation Fact Book* (Washington DC:2000), table 46.

*Rail* (all categories, except Amtrak): 1960-98: Association of American Railroads, *Railroad Facts 1999* (Washington, DC: 1999), pp. 48, 50-51.

**Amtrak:**

*Passenger train-cars and locomotives:* 1975-80: Amtrak, State and Local Affairs Department, personal communication.

1985-98: Ibid., *Amtrak Annual Report*, Statistical Appendix (Washington, DC: Annual issues), p. 44.

**Water transportation:**

*Nonself-propelled vessels and self-propelled vessels:* 1960-98: U.S. Army, Corps of Engineers, *Waterborne Transportation Lines of the United States, Volume 1, National Summaries* (New Orleans, LA : Annual issues).

*Oceangoing steam motor ships:* 1960-98: U.S. Department of Transportation, Maritime Administration, *Merchant Fleets of the World* (Washington, DC: Annual issues).

*Recreational boats:* 1960-98: U.S. Department of Transportation, U.S. Coast Guard, *Boating Statistics* (Washington, DC: Annual issues).

Table 1-10

## Sales or Deliveries of New Aircraft, Vehicles, Vessels, and other Conveyances

	1960	1965	1970	1975	1980	1985	1990	1995	1996	1997	1998	1999
<b>Civilian aircraft (shipments)</b>												
Transport <sup>a</sup>	245	233	311	315	387	278	521	256	269	374	<sup>R</sup> 559	<sup>P</sup> 620
Helicopters	N	598	482	864	1,366	384	603	292	278	346	<sup>R</sup> 363	<sup>P</sup> 342
General aviation	7,588	11,852	7,283	14,072	11,881	2,029	1,144	1,077	1,130	1,569	<sup>R</sup> 2,213	<sup>P</sup> 2,455
<b>Highway</b>												
Passenger car (new retail sales)	6,641,000	9,332,000	8,400,000	8,624,000	8,979,000	11,042,000	9,300,000	8,635,000	8,527,000	8,272,000	8,139,000	U
Motorcycle (new retail sales) <sup>b</sup>	N	N	1,125,000	940,000	1,070,000	710,000	303,000	309,000	330,000	356,000	432,000	U
Truck (factory sales, domestic) <sup>c</sup>	1,194,475	1,716,564	1,660,446	2,231,630	1,667,283	3,356,905	3,692,474	5,689,551	5,748,147	6,125,935	6,407,702	U
Bus (includes school bus) (factory sales)	<sup>I</sup>	35,241	31,994	40,530	34,385	33,533	32,731	23,918	27,583	26,882	27,483	U
Recreational vehicle (shipments)	N	192,830	380,300	339,600	178,500	351,700	347,300	475,200	466,800	438,800	441,300	U
<b>Bicycle<sup>d</sup></b>	N	N	N	N	9,000,000	11,400,000	10,800,000	12,000,000	10,900,000	11,000,000	11,100,000	U
<b>Transit (deliveries)</b>												
Motor bus <sup>e</sup>	2,415	3,000	1,424	5,261	4,572	3,367	4,779	6,022	6,016	<sup>R</sup> 6,329	<sup>P</sup> 6,450	U
Light rail	0	0	0	0	32	63	55	38	39	76	<sup>P</sup> 80	U
Heavy rail	416	580	308	127	130	441	10	72	10	34	<sup>P</sup> 120	U
Trolley bus	0	0	0	1	98	0	118	3	3	0	<sup>P</sup> 32	U
Commuter rail	214	666	302	2,165	152	179	83	38	111	198	<sup>P</sup> 122	U
<b>Class I rail (deliveries)</b>												
Freight car <sup>f</sup>	57,047	77,822	66,185	72,392	85,920	12,080	32,063	60,853	57,877	50,396	75,685	74,223
Locomotive	389	1,387	1,029	772	1,480	522	530	928	761	743	889	709
<b>Amtrak (deliveries)</b>												
Passenger train car	N	N	N	109	109	N	58	76	92	10	0	0
Locomotive	N	N	N	30	17	10	0	10	0	111	35	0
<b>Water transport</b>												
Merchant vessel <sup>g</sup>	20	13	13	15	23	14	0	1	0	1	4	2
Recreational boat <sup>h</sup>	N	N	N	N	642,800	674,600	525,300	663,760	634,750	610,100	<sup>R</sup> 571,100	605,500

KEY: N = data do not exist; P = preliminary;  
R = revised; U = data are not available

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**Table 1-10**  
Cont'd**Sales or Deliveries of New Aircraft, Vehicles, Vessels, and other Conveyances**

- <sup>a</sup> U.S.-manufactured fixed-wing aircraft over 33,000 pounds empty weight, including all jet transports plus the 4-engine turboprop-powered Lockheed L-100.
- <sup>b</sup> Includes domestic and imported vehicles. Prior to 1985, all terrain vehicles (ATVs) were included in the motorcycle total. In 1995, the Motorcycle Industry Council revised its data for the years 1985 to present to exclude ATVs from its totals.
- <sup>c</sup> Includes large passenger or utility vehicles that may be considered cars in other tables.
- <sup>d</sup> Includes domestic and imported vehicles, wheel sizes 20 inches and over. 1997 and 1998 data are projections.
- <sup>e</sup> Buses or bus-type vehicles only. Includes demand response. Excludes vanpool vans and most rural and smaller systems prior to 1984. Transit motor bus figure is also included as part of the bus total in the highway category.
- <sup>f</sup> Includes all railroads and private car owners.
- <sup>g</sup> Self-propelled, 1,000 or more gross tons.
- <sup>h</sup> Retail unit estimates. Includes outboard, inboard, and sterndrive boats, jet boats (since 1995), personal watercraft (since 1991), sailboats and canoes. Also includes inflatable boats (until 1992) and sailboards (until 1990).
- <sup>i</sup> Included in truck figure.

**SOURCES:**

**Civilian aircraft:** 1960-98: Aerospace Industries Association, *Aerospace Facts and Figures* (Washington, DC: Annual issues), "Civil Aircraft Shipments".

1999: Ibid., Internet site [www.aia-aerospace.org/departments/stats/Table5.html](http://www.aia-aerospace.org/departments/stats/Table5.html), as of July 13, 2000.

**Highway:**

**Passenger cars and trucks:** 1960-97: American Automobile Manufacturers Association, *Motor Vehicle Facts & Figures, 1998* (Southfield, MI: 1999), p. 21 (passenger car) and p. 6 (truck).

1998: Ward's Communications, *Motor Vehicle Facts & Figures, 1999* (Detroit, MI: 1998), p. 21 (passenger car) and p. 6 (truck).

**Motorcycles:** 1970-98: Motorcycle Industry Council, Inc., *Motorcycle Statistical Annual, 1999* (Irvine, CA: 1999), p. 5 and similar tables in earlier editions.

**Buses:** 1965-97: American Automobile Manufacturers Association, *Motor Vehicle Facts & Figures, 1998* (Detroit, MI: 1998), p. 6 and similar tables in earlier editions.

1998: Ward's Communications, *Motor Vehicle Facts & Figures, 1999* (Detroit, MI: 1999), p. 6 and personal communication, July 14, 2000.

**Recreational vehicles:** 1965-97: Ibid., *Motor Vehicle Facts & Figures, 1998* (Detroit, MI: 1998), p. 12 and similar tables in earlier editions.

1998: Ward's Communications, *Motor Vehicle Facts & Figures, 1999* (Detroit, MI: 1998), p. 11.

**Bicycles:** 1980-98: National Bicycle Dealers Association, Internet site <http://www.nbda.com> as of Mar. 5, 1999, and personal communication, Sept. 24, 1996.

**Transit:** 1960-98: American Public Transit Association 2000, *Public Transportation Fact Book* (Washington, DC: March 2000), table 56 and similar tables in earlier editions.

**Class I rail:** 1960-98: Association of American Railroads, *Railroad Facts* (Washington, DC: 1999), p. 54 and similar tables in earlier editions.

**Amtrak:** 1975-80: Ibid., *Railroad Facts* (Washington, DC: 1997), p. 17 and similar tables in earlier editions.

1985-99: *Amtrak Annual Report*, Statistical Appendix (Washington, DC: Annual Issues).

**Water:**

**Merchant vessel:** 1960-99: U.S. Department of Transportation, Maritime Administration, *Merchant Fleets of the World* (Washington, DC: Annual issues).

**Recreational boat:** 1980-99: National Marine Manufacturers Association, *Boating 1999* (Chicago, IL: 2000), annual retail unit estimates.

Table 1-11

## Active Air Carrier and General Aviation Fleet by Type of Aircraft

	1965	1970	1975	1980	<sup>a</sup> 1985	<sup>a</sup> 1990	1995	1996	1997	1998
<b>AIR CARRIER<sup>b</sup></b>	<b>2,125</b>	<b>2,679</b>	<b>2,495</b>	<b>3,808</b>	<b>4,678</b>	<b>6,083</b>	<b>7,411</b>	<b>7,478</b>	<b>5,093</b>	<b>5,335</b>
<b>Fixed Wing</b>	<b>2,104</b>	<b>2,663</b>	<b>2,488</b>	<b>3,803</b>	<b>4,673</b>	<b>6,072</b>	<b>7,293</b>	<b>7,357</b>	<b>5,093</b>	<b>5,335</b>
Turbojet										
Four engine	511	931	602	436	322	432	435	440	427	414
Three engine	173	659	994	1,347	1,488	1,438	1,210	1,212	1,208	1,183
Two engine	41	546	518	743	1,354	2,278	3,189	3,270	3,458	3,738
<b>Total turbojet</b>	<b>725</b>	<b>2,136</b>	<b>2,114</b>	<b>2,526</b>	<b>3,164</b>	<b>4,148</b>	<b>4,834</b>	<b>4,922</b>	<b>5,093</b>	<b>5,335</b>
Turboprop										
Four engine	215	110	68	92	108	88	81	56	U	U
Two engine	89	259	192	590	965	1,507	1,634	1,639	U	U
One engine	8	5	N	N	N	N	0	5	U	U
<b>Total turboprop</b>	<b>312</b>	<b>374</b>	<b>260</b>	<b>682</b>	<b>1,073</b>	<b>1,595</b>	<b>1,715</b>	<b>1,700</b>	<b>U</b>	<b>U</b>
Piston										
Four engine	447	34	37	73	38	31	15	18	U	U
Three engine	590	110	69	N	4	6	1	7	U	U
Two engine	30	9	8	522	394	292	329	313	U	U
One engine	N	N	N	N	N	N	399	397	U	U
<b>Total piston</b>	<b>1,067</b>	<b>153</b>	<b>114</b>	<b>595</b>	<b>436</b>	<b>329</b>	<b>744</b>	<b>735</b>	<b>U</b>	<b>U</b>
<b>Helicopter</b>	<b>21</b>	<b>16</b>	<b>7</b>	<b>2</b>	<b>5</b>	<b>11</b>	<b>118</b>	<b>121</b>	<b>U</b>	<b>U</b>
<b>GENERAL AVIATION</b>										
<b>(GENERAL FLEET)<sup>c</sup></b>	<b>95,442</b>	<b>161,743</b>	<b>168,475</b>	<b>211,043</b>	<b>196,500</b>	<b>198,000</b>	<b>188,089</b>	<b>191,129</b>	<b>192,414</b>	<b>204,710</b>
<b>Fixed Wing</b>	<sup>d</sup> 93,130	127,934	161,570	200,097	184,700	184,500	162,342	163,691	166,854	175,203
Turbojet										
Two engine	N	<sup>e</sup> 822	<sup>e</sup> 1,742	2,551	3,600	3,700	4,071	4,077	4,638	5,513
Other	N	128	<sup>f</sup> 34	441	50	400	488	347	539	552
<b>Total turbojet</b>	<b>N</b>	<b>950</b>	<b>1,776</b>	<b>2,992</b>	<b>4,100</b>	<b>4,100</b>	<b>4,559</b>	<b>4,424</b>	<b>5,178</b>	<b>6,066</b>
Turboprop										
Two engine	N	1,287	<sup>e</sup> 2,486	3,966	4,900	4,900	4,295	4,917	4,939	5,076
One engine	N	138	33	N	N	N	668	719	650	1,033
Other	N	33	N	123	100	400	32	80	29	65
<b>Total turboprop</b>	<b>N</b>	<b>1,458</b>	<b>2,519</b>	<b>4,090</b>	<b>5,000</b>	<b>5,300</b>	<b>4,995</b>	<b>5,716</b>	<b>5,619</b>	<b>6,174</b>

KEY: N = data are not available; U = unavailable

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**Table 1-11**  
Cont'd**Active Air Carrier and General Aviation Fleet by Type of Aircraft**

	1965	1970	1975	1980	<sup>a</sup> 1985	<sup>a</sup> 1990	1995	1996	1997	1998
<b>Fixed Wing (cont'd)</b>										
Piston										
Two engine	<sup>e</sup> 11,422	15,835	<sup>e</sup> 20,331	24,366	22,100	21,100	15,706	16,082	15,938	18,659
One engine	81,134	109,492	136,944	168,435	153,400	154,000	137,049	137,401	140,038	144,234
Other	N	199	N	212	100	100	33	68	79	70
<b>Total piston</b>	<b>92,556</b>	<b>125,526</b>	<b>157,275</b>	<b>193,014</b>	<b>175,600</b>	<b>175,200</b>	<b>152,788</b>	<b>153,551</b>	<b>156,056</b>	<b>162,963</b>
<b>Rotorcraft</b>	<b>1,503</b>	<b>2,255</b>	<b>4,073</b>	<b>6,001</b>	<b>6,000</b>	<b>6,900</b>	<b>5,830</b>	<b>6,570</b>	<b>6,786</b>	<b>7,425</b>
Piston	N	1,666	2,499	2,794	2,700	3,200	1,863	2,507	2,259	2,545
Turbine										
Multi-engine	N	N	N	N	N	N	733	643	764	843
One engine	N	589	N	N	N	N	3,234	3,420	3,762	4,038
<b>Total turbine</b>	<b>N</b>	<b>589</b>	<b>1,574</b>	<b>3,207</b>	<b>3,300</b>	<b>3,700</b>	<b>3,967</b>	<b>4,063</b>	<b>4,527</b>	<b>4,881</b>
<b>Other Aircraft</b>	<b>809</b>	<b>1,554</b>	<b>2,832</b>	<b>4,945</b>	<b>5,800</b>	<b>6,600</b>	<b>4,741</b>	<b>4,244</b>	<b>4,092</b>	<b>5,580</b>
Gliders	N	N	N	N	N	N	2,182	1,934	2,016	2,105
Lighter-than-Air	N	N	N	N	N	N	2,559	2,310	2,075	3,475
<b>Experimental</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>15,176</b>	<b>16,625</b>	<b>14,680</b>	<b>16,502</b>
Amateur Built	N	N	N	N	N	N	9,328	11,566	10,261	13,189
Exhibition	N	N	N	N	N	N	2,245	2,094	1,798	1,630
Other	N	N	N	N	N	N	3,603	2,965	2,620	1,684

KEY: N = data are not available; U = unavailable

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**Table 1-11**  
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## Active Air Carrier and General Aviation Fleet by Type of Aircraft

<sup>a</sup> Source reported rounded data for general aviation.

<sup>b</sup> Air carrier aircraft are aircraft carrying passengers or cargo for hire under 14 CFR 121 (large aircraft--more than 30 seats) and 14 CFR 135 (small aircraft--30 seats or less). This definition is more encompassing than that in the Federal Aviation Administration (FAA) Aviation Forecast--jet aircraft, 60 seats or more carrying passengers or cargo for hire. Beginning in 1990, the number of aircraft is the monthly average reported in use for the last three months of the year. Prior to 1990, it was the number of aircraft reported in use during December of a given year.

<sup>c</sup> Columns may not add to totals due to estimation procedures. Beginning in 1993, excludes commuters. Prior to 1993, single engine turboprops were included in "Other turboprops"; single and multi-engine turbine rotorcraft were not shown separately; gliders and lighter-than-air aircraft were combined into the "Other" category; and experimental aircraft were included in the appropriate aircraft type. For example, prior to 1993, the single engine piston aircraft type included both experimental and non-experimental aircraft. Starting in 1993, that aircraft type only includes non-experimental aircraft. Due to changes in methodology beginning in 1995, estimates may not be comparable to those for 1994 and earlier years. Values for 1991 through 1994 were revised to reflect changes in adjustment for nonresponse bias.

<sup>d</sup> Total includes 574 turbine aircraft of unspecified subtype.

<sup>e</sup> Multi-engine.

<sup>f</sup> Single-engine.

**NOTES:** Prior to 1970, aircraft counts included aircraft retained in FAA data systems until the owners requested that they be deregistered. As a result, thousands of aircraft that had been destroyed over the years remained in the system. Since 1970, annual verification of aircraft registrations is required. Failure to comply with this requirement leads to revocation of the registration certificate and exclusion of the aircraft from the official count of the following year. Listed engine configurations (e.g., two-, three-, multi-) represent all applicable combinations for each aircraft type. Totals may not agree with those in other tables as revisions to prior year data are reported at the aggregate level only.

### SOURCES:

**Air carriers:** 1965: U.S. Department of Transportation, Federal Aviation Administration, *FAA Statistical Handbook of Aviation, 1966 Edition*. (Washington, DC: 1966), table 7.5.

1970: Ibid., *Calendar Year 1971*. (Washington, DC: 1972), table 5.5.

1975: Ibid., *Calendar Year 1975*. (Washington, DC: December 31, 1975), table 5.3.

1980: Ibid., *Calendar Year 1980*. (Washington, DC: December 31, 1980), table 5.2.

1985: Ibid., *Calendar Year 1993*. FAA-APO-95-5 (Washington, DC: 1995), table 5.2.

1990-96: Ibid., *Calendar Year 1996*, Internet site: <http://www.api.faa.gov/handbook96/toc96.htm>, as of March 31, 2000, table 5.2.

1997-98: Ibid., *FAA Aerospace Forecasts Fiscal Years 2000-2011 (March 2000)*, Internet site: <http://api.hq.faa.gov/foreca00/tabv-1.pdf>, as of May 18, 2000.

**General aviation:** 1965: U.S. Department of Transportation, Federal Aviation Administration, *FAA Statistical Handbook of Aviation, 1966 Edition*. (Washington, DC: 1966), table 5.1.

1970: Ibid., *Calendar Year 1971*. (Washington, DC: 1972), table 8.3.

1975: Ibid., *Calendar Year 1975*. (Washington, DC: December 31, 1975), table 8.4.

1980: Ibid., *General Aviation Activity and Avionics Survey, Annual Report Calendar Year 1980*, FAA-MS-81-5 (Washington, DC: December 1985), table 2-6.

1985: Ibid., *Annual Summary Report 1994 Data*, FAA-APO-95-10 (Washington, DC: 1996), table 1.2.

1990-1997: Ibid., *General Aviation and Air Taxi Activity Survey, Annual Summary Report 1997 Data*, FAA-APO-99-4 (Washington, DC: 1999), table 1.2.

**Table 1-12 U.S. Automobile and Truck Fleets by Use (Thousands)**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<b>Number of Automobiles in Fleets of 25 or more (10 or more cars for 1999)<sup>a</sup></b>										
Business <sup>b</sup>	2,889	2,628	2,492	1,751	1,722	1,326	1,295	1,188	1,159	3,195
Government <sup>c</sup>	538	504	516	401	428	1,214	1,209	1,218	1,030	885
Utilities	551	544	548	386	382	376	376	377	359	320
Police	249	250	264	264	266	269	274	280	289	302
Taxi (includes vans)	141	141	140	140	141	139	130	181	190	135
Rental (includes vans and SUVs)	990	1,160	1,448	1,501	1,473	1,518	1,590	1,608	1,602	1,733
<b>Number of Automobiles in Fleets of 4-24 (4 to 9 cars for 1999)<sup>a</sup></b>										
Total	U	U	U	U	U	4,200	4,250	4,373	4,921	1,172
						<b>9,042</b>	<b>9,124</b>	<b>9,225</b>	<b>9,550</b>	<b>7,742</b>
<b>Number of Trucks in fleets of 25 or more (10 or more trucks for 1999)<sup>a</sup></b>										
Business <sup>d</sup>	U	U	1,080	1,378	1,375	1,205	1,275	1,332	1,360	3,016
Government <sup>c</sup>	U	U	297	632	646	2,221	2,215	2,223	2,010	2,400
Utilities	U	U	593	493	487	480	482	483	459	499
Other (police, taxi, etc.)	U	U	7	7	7	7	7	7	8	8
Rental trucks (not vans and SUVs)	U	U	304	308	363	202	197	179	181	213
<b>Number of Trucks in Fleets of 4-24 (4 to 9 trucks for 1999)<sup>a</sup></b>										
Total	U	U	U	U	U	2,100	2,270	2,420	3,311	1,652
						<b>6,215</b>	<b>6,446</b>	<b>6,644</b>	<b>7,329</b>	<b>7,788</b>
<b>TOTAL automobiles and trucks in fleets</b>						<b>15,257</b>	<b>15,570</b>	<b>15,869</b>	<b>16,879</b>	<b>15,530</b>

<sup>a</sup> The data source, Bobit Publishing, changed data collection categories for 1999.

<sup>b</sup> Includes driver schools.

<sup>c</sup> Includes military vehicles and federal, state, county, and local government vehicles.

<sup>d</sup> Businesses with 25 or more Class 1-5 trucks including leasing, construction, plumbing, heating, food distribution, pest control, cable TV, etc. (Also applies to 1999 data).

**SOURCE:** Bobit

Publishing Company, *Automotive Fleet Fact Book* (Torrance, CA: Annual issues).

KEY: SUV = sport utility vehicles; U = data are not available

**Table 1-13** Annual U.S. Motor Vehicle Production and Factory (Wholesale) Sales (Thousands)

	1960	1965	1970	1975	1980	1985	1990	1995	1996	1997	1998
<b>Production</b>											
Passenger cars	6,703	9,335	6,550	6,717	6,376	8,185	6,077	6,351	6,083	5,927	5,554
Commercial vehicles <sup>a</sup>	1,202	1,785	1,734	2,270	1,634	3,468	3,706	5,635	5,749	6,192	6,448
<b>Total</b>	<b>7,905</b>	<b>11,120</b>	<b>8,284</b>	<b>8,987</b>	<b>8,010</b>	<b>11,653</b>	<b>9,783</b>	<b>11,985</b>	<b>11,833</b>	<b>12,119</b>	<b>12,003</b>
<b>Factory (wholesale) sales</b>											
Passenger cars	6,675	9,306	6,547	6,713	6,400	8,002	6,050	6,310	6,140	6,070	5,677
Commercial vehicles <sup>a</sup>	1,194	1,752	1,692	2,272	1,667	3,464	3,725	5,713	5,776	6,153	6,435
<b>Total</b>	<b>7,869</b>	<b>11,057</b>	<b>8,239</b>	<b>8,985</b>	<b>8,067</b>	<b>11,467</b>	<b>9,775</b>	<b>12,023</b>	<b>11,916</b>	<b>12,223</b>	<b>12,112</b>

<sup>a</sup> Includes trucks under 10,000 pounds gross vehicle weight rating (gvwr), such as compact and conventional pickups, sport utility vehicles, minivans, and vans, and trucks and buses over 10,000 pounds gvwr.

**SOURCE:** Ward's, *Motor Vehicle Facts & Figures 1999* (Southfield, MI: 1999), p. 3.

**NOTES:** Factory sales can be greater than production total because of sales from previous year's inventory. Numbers may not add to totals due to rounding.

**Table 1-14** Retail<sup>a</sup> New Passenger Car Sales (Thousands)

	1970	1975	1980	1985	1990	1995	1996	1997	1998
<b>Domestic<sup>b</sup></b>	<b>7,119</b>	<b>7,053</b>	<b>6,581</b>	<b>8,205</b>	<b>6,897</b>	<b>7,129</b>	<b>7,254</b>	<b>6,917</b>	<b>6,761</b>
<b>Imports</b>									
Japan	313	808	1,906	2,218	1,719	982	727	726	691
Germany	750	493	305	424	265	207	238	297	367
Other	217	271	187	196	419	317	308	332	320
<b>Total</b>	<b>1,280</b>	<b>1,571</b>	<b>2,398</b>	<b>2,838</b>	<b>2,403</b>	<b>1,506</b>	<b>1,273</b>	<b>1,355</b>	<b>1,378</b>
<b>TOTAL new passenger car sales</b>	<b>8,400</b>	<b>8,624</b>	<b>8,979</b>	<b>11,042</b>	<b>9,300</b>	<b>8,635</b>	<b>8,527</b>	<b>8,272</b>	<b>8,139</b>

<sup>a</sup> Retail new car sales include both sales to individuals and to corporate fleets. It also includes leased cars.

<sup>b</sup> Includes cars produced in Canada and Mexico.

**SOURCES:** 1970: American Automobile Manufacturers Association, *Motor Vehicle Facts & Figures 1992* (Detroit, MI: 1992), p. 16.

1980: Ibid., *Motor Vehicle Facts & Figures 1997* (Detroit, MI: 1997), p. 19.

1975, 1985-98: Ward's, *Motor Vehicle Facts & Figures 1999* (Southfield, MI: 1999), p. 21.

**Table 1-15****New and Used Passenger Car Sales and Leases (Thousands)**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<b>New passenger car sales<sup>a</sup></b>	<b>9,300</b>	<b>8,175</b>	<b>8,213</b>	<b>8,518</b>	<b>8,991</b>	<b>8,635</b>	<sup>R</sup> <b>8,526</b>	<b>8,272</b>	<sup>R</sup> <b>8,139</b>	<b>U</b>
<b>Used passenger car sales<sup>b</sup></b>	<b>37,530</b>	<b>37,290</b>	<b>36,950</b>	<b>38,057</b>	<b>40,141</b>	<b>41,758</b>	<b>40,828</b>	<b>40,270</b>	<sup>R</sup> <b>40,220</b>	<b>40,890</b>
Value of transactions (\$ billions)	219	230	247	279	312	338	337	338	<sup>R</sup> 335	361
Average price (current \$)	5,830	6,157	6,693	7,335	7,781	8,093	8,257	8,399	<sup>R</sup> 8,341	8,828
<b>Total new and used passenger car sales</b>	<b>46,830</b>	<b>45,465</b>	<b>45,163</b>	<b>46,575</b>	<b>49,132</b>	<b>50,393</b>	<sup>R</sup> <b>49,354</b>	<b>48,542</b>	<sup>R</sup> <b>48,359</b>	<b>U</b>
<b>New passenger car leases<sup>c</sup></b>	<b>534</b>	<b>667</b>	<b>882</b>	<b>1,197</b>	<b>1,715</b>	<b>1,795</b>	<sup>R</sup> <b>1,806</b>	<b>2,062</b>	<sup>R</sup> <b>2,174</b>	<b>2,271</b>

<sup>a</sup> Includes leased cars.<sup>b</sup> Used car sales include sales from franchised dealers, independent dealers, and casual sales.<sup>c</sup> Consumer leases only.**SOURCES:**

**New passenger car sales:** 1994-98: Ward's, *Motor Vehicle Facts & Figures*, 1999 (Southfield, MI: 1999)

**Used passenger car sales:** ADTAutomotive, *2000 Used Car Market Report* (Nashville, TN: 2000), p. 5.

**Leased passenger cars:** CNW Marketing/Research, personal communication, May 31, 2000.

KEY: R = revised; U = data are not available

**Table 1-16****Retail Sales of New Cars by Sector (Thousands)**

	1960	1965	1970	1975	1980	1985	1990	1995	1996	1997	<sup>R</sup> 1998	1999
<b>Sales of new cars</b>												
Consumer	5,645	7,103	6,252	5,907	6,100	7,092	5,677	4,341	4,052	3,875	3,988	4,364
Business	930	2,140	2,056	2,508	2,758	3,754	3,477	4,203	4,313	4,246	3,992	4,137
Government	66	89	94	123	124	132	147	144	134	112	161	194
<b>Total</b>	<b>6,641</b>	<b>9,333</b>	<b>8,402</b>	<b>8,538</b>	<b>8,982</b>	<b>10,978</b>	<b>9,300</b>	<b>8,688</b>	<b>8,499</b>	<b>8,232</b>	<b>8,142</b>	<b>8,695</b>
<b>Percentage of total sales</b>												
Consumer	85.0	76.1	74.4	69.2	67.9	64.6	61.0	50.0	47.7	47.1	49.0	50.2
Business	14.0	22.9	24.5	29.4	30.7	34.2	37.4	48.4	50.7	51.6	49.0	47.6

**NOTES:** Includes imported cars, but not vans, trucks, or sport utility vehicles.  
Numbers may not add to totals due to rounding.

**SOURCE:** U.S. Department of Commerce, Bureau of Economic Analysis, National Income and Wealth Division, unpublished data.

KEY: R = revised

**Table 1-17****Period Sales, Market Shares, and Sales-Weighted Fuel Economies of New Domestic and Imported Automobiles, Selected Sales Periods<sup>a</sup> (Thousands)**

	1980	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<b>Sales</b>												
Total Units	9,095	10,969	9,224	8,380	8,107	8,388	8,916	8,725	8,652	8,261	8,071	8,646
Minicompact	428	52	77	96	108	84	57	45	34	40	12	13
Subcompact	3,441	2,382	2,030	2,256	2,074	1,945	2,015	1,518	1,315	1,510	1,491	1,622
Compact	599	3,526	3,156	2,425	2,451	2,655	3,077	3,290	3,492	2,937	2,309	2,367
Midsized	3,073	3,118	2,512	2,306	2,250	2,446	2,360	2,499	2,488	2,531	3,107	3,359
Large	1,336	1,516	1,279	1,161	1,141	1,187	1,340	1,321	1,259	1,162	1,050	1,181
Two-seater	216	374	170	135	83	70	67	53	62	81	101	103
<b>Market share, %</b>												
Minicompact	4.7	0.5	0.8	1.1	1.3	1.0	0.6	0.5	0.4	0.5	0.2	0.1
Subcompact	37.8	21.7	22.0	26.9	25.6	23.2	22.6	17.4	15.2	18.3	18.5	18.8
Compact	6.6	32.1	34.2	28.9	30.2	31.7	34.5	37.7	40.4	35.6	28.6	27.4
Midsized	33.8	28.4	27.2	27.5	27.7	29.2	26.5	28.6	28.8	30.6	38.5	38.9
Large	14.7	13.8	13.9	13.9	14.1	14.2	15.0	15.1	14.6	15.1	13.0	13.7
Two-seater	2.4	3.4	1.8	1.6	1.0	0.8	0.8	0.6	0.7	1.0	1.3	1.2
<b>Fuel economy, mpg</b>												
Fleet	23.2	27.0	27.6	27.7	27.7	27.8	27.8	28.0	28.3	28.3	28.3	28.0
Minicompact	29.4	32.7	26.4	29.3	30.6	29.9	27.8	27.0	27.2	26.3	23.9	24.8
Subcompact	27.3	30.1	31.3	31.6	31.8	31.9	31.3	31.7	32.1	32.6	31.3	31.0
Compact	22.3	29.6	28.9	28.8	28.7	29.3	29.8	30.2	30.4	30.0	30.8	30.2
Midsized	21.3	24.9	25.9	25.9	25.8	25.7	25.6	25.9	26.4	26.3	26.9	26.9
Large	19.3	22.3	23.5	23.3	23.7	24.0	24.2	24.1	24.2	24.5	24.6	24.4
Two-seater	21.0	27.6	28.0	27.3	25.9	24.8	23.9	24.7	25.4	26.3	25.4	25.3

<sup>a</sup> These figures represent only those sales that could be matched to corresponding U.S. Environmental Protection Agency fuel economy values.

**NOTE:** Numbers and percents may not add to totals due to rounding.

**SOURCE:** Light-Duty Vehicle MPG and Market Shares System Database, as cited in Oak Ridge National Laboratory, *Transportation Energy Data Book*, Edition 20, ORNL-6941 (Oak Ridge, TN: 2000), table 7.5, p. 7-6.

KEY: mpg = miles per gallon

**Table 1-18****Period Sales, Market Shares, and Sales-Weighted Fuel Economies of New Domestic and Imported Light Trucks, Selected Sales Periods<sup>a</sup> (Thousa)**

	1980	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<b>Sales</b>												
Total Units	2,217	4,235	4,515	4,048	4,392	5,056	5,724	5,934	6,237	6,527	7,138	8,002
Small pickups	516	864	678	628	587	332	365	357	<sup>b</sup> 575	521	460	302
Large pickups	1,115	1,691	1,574	1,309	1,452	1,878	2,199	2,184	2,042	2,051	2,378	2,830
Small vans	14	438	933	888	968	1,129	1,264	1,257	1,230	1,216	1,224	1,319
Large vans	328	536	399	308	350	388	408	401	370	387	381	417
Small utility	76	478	738	783	868	949	1,043	1,225	1,379	1,715	762	942
Large utility	167	229	193	132	167	379	446	510	641	637	1,933	2,191
<b>Market share, %</b>												
Small pickups	23.3	20.4	15.0	15.5	13.4	6.6	6.4	6.0	9.2	8.0	6.4	3.8
Large pickups	50.3	39.9	34.9	32.3	33.1	37.1	38.4	36.8	32.7	31.4	33.3	35.4
Small vans	0.6	10.3	20.7	21.9	22.0	22.3	22.1	21.2	19.7	18.6	17.1	16.5
Large vans	14.8	12.7	8.8	7.6	8.0	7.7	7.1	6.8	5.9	5.9	5.3	5.2
Small utility	3.4	11.3	16.4	19.3	19.8	18.8	18.2	20.6	22.1	26.3	10.7	11.8
Large utility	7.5	5.4	4.3	3.3	3.8	7.5	7.8	8.6	10.3	9.8	27.1	27.1
<b>Fuel economy, mpg</b>												
Fleet	18.1	20.4	20.5	20.6	20.4	20.5	20.4	20.2	20.4	20.1	20.3	20.1
Small pickups	25.5	26.8	25.2	25.7	25.0	24.9	25.3	25.6	25.6	24.6	24.5	24.8
Large pickups	17.0	19.0	18.9	18.8	18.9	19.6	20.1	19.4	18.9	19.4	19.1	19.3
Small vans	19.6	23.9	23.1	22.6	22.5	22.9	22.1	22.8	22.8	22.9	23.3	23
Large vans	16.3	16.4	16.9	17.4	16.9	17.3	17.4	17.1	17.2	17.8	18.2	17.8
Small utility	16.9	22.1	21.9	21.1	20.9	21.3	20.7	20.8	21.1	19.6	22.9	23
Large utility	14.6	16.6	16.1	16.4	16.9	17.5	17.8	17.4	18.2	18.2	18.9	18.8

<sup>a</sup> These figures represent only those sales that could be matched to corresponding U.S. Environmental Protection Agency fuel economy values.

<sup>b</sup> Some 4-wheel drive pickups previously classified as large pickups were correctly reclassified as small pickups.

**NOTES:** Numbers and percents may not add to totals due to rounding.

Fleet sales total cannot be compared with truck sales in table 1-10 for the following reasons: 1) this table includes both domestic and imported trucks, whereas the numbers in

table 1-10 are for domestic trucks only; and 2) this table covers only light trucks, whereas the numbers in table 1-10 include heavy trucks.

**SOURCE:** Light-Duty Vehicle MPG and Market Shares System Database, as cited in Oak Ridge National Laboratory, *Transportation Energy Data Book, Edition 20*, ORNL-6941 (Oak Ridge, TN: 2000), table 7.6, p. 7-7.

KEY: mpg = miles per gallon

**Table 1-19** World Motor Vehicle Production, Selected Countries (Thousands)

	Passenger cars <sup>a</sup>								
	1961	1971	1981	1991	1994	1995	1996	1997	1998
Argentina	78	193	139	114	338	227	269	366	353
Australia	182	393	352	269	323	314	303	320	350
Austria	8	1	7	14	45	59	97	98	91
Belgium	N	279	216	253	409	386	368	356	319
Brazil	98	342	406	705	1,248	1,297	1,459	1,680	1,244
Canada	328	1,083	803	1,060	1,214	1,337	1,279	1,374	1,122
China	N	N	N	81	250	321	382	482	507
Czech Republic <sup>c</sup>	59	149	181	173	174	208	263	321	368
France	988	2,694	2,612	3,188	3,175	3,051	3,148	2,259	2,603
Germany	1,802	3,829	3,758	4,677	4,094	4,360	4,540	4,678	5,348
India	22	42	42	179	237	330	396	410	384
Italy	694	1,701	1,257	1,633	1,341	1,422	1,318	1,563	1,402
Japan	250	3,718	6,974	9,753	7,802	7,611	7,864	8,491	8,056
South Korea	N	N	69	1,158	1,806	2,003	2,265	2,308	1,625
Malaysia	N	N	N	102	137	164	176	280	126
Mexico	N	154	355	720	857	699	798	855	953
Netherlands	13	78	78	85	92	100	145	197	243
Poland	14	86	248	168	349	347	353	295	460
Portugal	N	N	N	N	38	41	119	186	181
Romania	N	N	N	84	85	71	76	108	104
Russia	149	518	1,324	1,308	796	838	868	982	U
Spain	55	453	855	1,943	1,974	2,131	2,213	2,342	2,217
Sweden	110	287	258	269	353	388	368	376	368
Taiwan	N	N	N	266	291	282	265	268	293
Turkey	N	13	25	196	213	233	208	243	U
United Kingdom	1,004	1,742	955	1,237	1,467	1,532	1,686	1,698	1,748
United States	5,522	8,584	6,253	5,439	6,614	6,351	6,083	5,927	5,554
Yugoslavia, Federal Republic of	15	114	240	213	8	8	9	11	U
<b>Total world</b>	<b>11,391</b>	<b>26,453</b>	<b>27,407</b>	<b>35,287</b>	<b><sup>R</sup>35,730</b>	<b>36,111</b>	<b>37,318</b>	<b>38,474</b>	<b>37,286</b>
<b>US % of world</b>	<b>48%</b>	<b>32%</b>	<b>23%</b>	<b>15%</b>	<b>19%</b>	<b>18%</b>	<b>16%</b>	<b>15%</b>	<b>15%</b>

KEY: N = data do not exist; U = data are not available

*Continued next page*

**Table 1-19**  
Cont'd**World Motor Vehicle Production, Selected Countries (Thousands)**

	Commercial vehicles <sup>b</sup>								
	1961	1971	1981	1991	1994	1995	1996	1997	1998
Argentina	58	60	33	25	70	59	44	80	105
Australia	49	77	40	15	31	17	19	29	34
Austria	5	6	8	6	3	9	9	10	12
Belgium	1	17	41	84	70	82	69	74	87
Brazil	47	174	374	255	334	332	346	388	329
Canada	63	277	520	829	1,106	1,071	1,118	1,198	1,050
China	N	N	N	628	1,103	1,114	1,084	1,096	1,121
Czech Republic <sup>c</sup>	17	28	49	29	6	8	9	47	42
France	217	316	408	423	383	424	443	322	351
Germany	411	312	358	358	262	307	303	345	379
India	32	47	107	176	238	306	366	336	129
Italy	65	116	176	245	194	245	227	254	290
Japan	789	2,093	4,206	3,492	2,752	2,585	2,482	2,484	1,994
South Korea	N	N	65	340	506	523	548	510	329
Malaysia	N	N	N	0	0	0	0	0	7
Mexico	N	57	242	269	266	236	422	503	500
Netherlands	6	13	12	26	23	32	19	20	28
Poland	22	60	60	25	16	34	48	27	39
Portugal	N	N	N	26	87	16	13	81	90
Romania	N	N	N	10	5	22	23	21	23
Russia	406	612	874	744	206	156	136	192	U
Spain	20	79	132	139	168	203	199	220	609
Sweden	22	30	55	75	82	102	95	104	114
Taiwan	N	N	N	116	132	124	101	113	112
Turkey	N	12	22	46	31	49	69	102	U
United Kingdom	443	456	230	217	228	233	238	238	233
United States	1,131	2,088	1,690	3,372	5,649	5,635	5,716	6,192	6,452
Yugoslavia, Federal Republic of	5	18	27	26	2	2	1	2	U
<b>Total world</b>	<b>3,809</b>	<b>6,948</b>	<b>9,729</b>	<b>11,996</b>	<b>13,952</b>	<b>13,926</b>	<b>14,147</b>	<b>14,988</b>	<b>14,811</b>
<b>US % of world</b>	<b>30%</b>	<b>30%</b>	<b>17%</b>	<b>28%</b>	<b>40%</b>	<b>40%</b>	<b>40%</b>	<b>41%</b>	<b>44%</b>

KEY: N = data do not exist; U = data are not available

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**Table 1-19**  
Cont'd**World Motor Vehicle Production, Selected Countries (Thousands)**

	Total								
	1961	1971	1981	1991	1994	1995	1996	1997	1998
Argentina	136	253	172	139	409	286	313	446	458
Australia	231	470	392	284	354	331	322	349	384
Austria	13	7	15	20	48	68	106	108	103
Belgium	1	296	257	337	479	468	437	430	406
Brazil	145	516	780	960	1,582	1,629	1,805	2,067	1,573
Canada	391	1,360	1,323	1,889	2,320	2,408	2,397	2,571	2,173
China	N	N	N	709	1,353	1,435	1,466	1,578	1,628
Czech Republic <sup>c</sup>	76	177	230	202	180	216	272	369	411
France	1,205	3,010	3,020	3,611	3,558	3,475	3,591	2,581	2,954
Germany	2,213	4,141	4,116	5,035	4,356	4,667	4,843	5,023	5,727
India	54	89	149	355	475	636	762	746	513
Italy	759	1,817	1,433	1,878	1,534	1,667	1,545	1,817	1,693
Japan	1,039	5,811	11,180	13,245	10,554	10,196	10,346	10,975	10,050
South Korea	N	N	134	1,498	2,312	2,526	2,813	2,818	1,954
Malaysia	N	N	N	102	137	164	176	280	134
Mexico	N	211	597	989	1,123	935	1,220	1,358	1,453
Netherlands	19	91	90	111	115	132	164	218	271
Poland	36	146	308	193	365	381	401	322	499
Portugal	N	N	N	26	125	57	132	267	271
Romania	N	N	N	94	90	93	99	129	127
Russia	555	1,130	2,198	2,052	1,002	994	1,004	1,174	U
Spain	75	532	987	2,082	2,142	2,334	2,412	2,562	2,826
Sweden	132	317	313	344	435	490	463	480	483
Taiwan	N	N	N	382	423	406	366	381	405
Turkey	N	25	47	242	244	282	277	344	U
United Kingdom	1,447	2,198	1,185	1,454	1,695	1,765	1,924	1,936	1,981
United States	6,653	10,672	7,943	8,811	12,263	11,986	11,799	12,119	12,006
Yugoslavia, Federal Republic of	20	132	267	239	9	10	10	14	U
<b>Total world</b>	<b>15,200</b>	<b>33,401</b>	<b>37,136</b>	<b>47,283</b>	<b>49,681</b>	<b>50,037</b>	<b>51,465</b>	<b>53,463</b>	<b>52,098</b>
<b>US % of world</b>	<b>44%</b>	<b>32%</b>	<b>21%</b>	<b>19%</b>	<b>25%</b>	<b>24%</b>	<b>23%</b>	<b>23%</b>	<b>23%</b>

<sup>a</sup> Does not include minivans, pickups, and sport utility vehicles.<sup>b</sup> Includes all trucks and buses. Light trucks, such as pickups, sport utility vehicles, and minivans, are included under commercial vehicles.<sup>c</sup> Formerly Czechoslovakia.

KEY: N = data do not exist; U = data are not available

**NOTES:** Production in this table refers to vehicles locally manufactured. Numbers may not add to totals due to rounding.**SOURCE:** Ward's, *Motor Vehicle Facts & Figures* (Southfield, MI: 1999), p. 12.

**Table 1-20**
**Number and Size of the U.S. Flag Merchant Fleet and Its Share of the World Fleet**  
 (Oceangoing ships of 1,000 gross tons and over)

	1960	1965	1970	1975	1980	1985	1990	1995	1996	1997	1998	1999
<b>World fleet</b>	<b>17,317</b>	<b>18,329</b>	<b>19,980</b>	<b>22,872</b>	<b>24,867</b>	<b>25,555</b>	<b>23,596</b>	<b>25,608</b>	<b>26,858</b>	<b>27,557</b>	<b>27,825</b>	<b>28,259</b>
<b>U.S. fleet</b>	<b>2,926</b>	<b>2,376</b>	<b>1,579</b>	<b>857</b>	<b>864</b>	<b>737</b>	<b>636</b>	<b>509</b>	<b>495</b>	<b>477</b>	<b>470</b>	<b>463</b>
<b>U.S. share of the world fleet</b>	<b>17%</b>	<b>13%</b>	<b>8%</b>	<b>4%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>2%</b>	<b>2%</b>	<b>2%</b>	<b>2%</b>	<b>2%</b>
<b>Freighters, Total</b>	<b>2,138</b>	<b>1,747</b>	<b>1,076</b>	<b>511</b>	<b>471</b>	<b>417</b>	<b>367</b>	<b>295</b>	<b>292</b>	<b>288</b>	<b>289</b>	<b>284</b>
<b>DWT (thousands)</b>	<b>21,877</b>	<b>18,127</b>	<b>11,733</b>	<b>7,051</b>	<b>6,885</b>	<b>7,353</b>	<b>7,265</b>	<b>6,517</b>	<b>6,419</b>	<b>6,458</b>	<b>6,732</b>	<b>6,696</b>
General cargo <sup>a</sup>	N	N	N	356	259	209	166	142	146	142	140	137
DWT (thousands)	N	N	N	4,640	3,329	2,980	2,605	2,472	2,467	2,420	2,400	2,404
Containership	N	N	N	109	121	104	92	81	83	85	91	89
DWT (thousands)	N	N	N	1,773	2,289	2,651	2,856	2,600	2,639	2,743	3,096	3,056
Partial containerships	N	N	N	37	68	63	59	3	1	1	N	N
DWT (thousands)	N	N	N	510	940	904	836	57	17	17	N	N
RO/RO	N	N	N	9	23	41	50	69	62	60	58	58
DWT (thousands)	N	N	N	128	327	818	968	1,388	1,296	1,278	1,236	1,236
<b>Tankers, Total</b>	<b>422</b>	<b>341</b>	<b>294</b>	<b>267</b>	<b>308</b>	<b>258</b>	<b>233</b>	<b>181</b>	<b>173</b>	<b>161</b>	<b>154</b>	<b>154</b>
<b>DWT (thousands)</b>	<b>7,815</b>	<b>7,561</b>	<b>7,739</b>	<b>9,711</b>	<b>16,152</b>	<b>15,534</b>	<b>15,641</b>	<b>11,028</b>	<b>10,378</b>	<b>9,696</b>	<b>9,289</b>	<b>9,373</b>
Petroleum/chemical <sup>b</sup> ships	N	N	N	N	N	244	219	167	159	148	145	146
DWT (thousands)	N	N	N	N	N	14,574	14,681	10,123	9,473	8,857	8,737	8,845
Liquefied petroleum/ natural gas ships	N	N	N	N	N	14	14	14	14	13	9	8
DWT (thousands)	N	N	N	N	N	960	960	905	905	839	552	528
<b>Combination/ passenger and cargo, Total</b>	<b>309</b>	<b>227</b>	<b>171</b>	<b>60</b>	<b>65</b>	<b>37</b>	<b>10</b>	<b>13</b>	<b>15</b>	<b>14</b>	<b>12</b>	<b>11</b>
<b>DWT (thousands)</b>	<b>2,070</b>	<b>1,488</b>	<b>1,107</b>	<b>388</b>	<b>446</b>	<b>299</b>	<b>91</b>	<b>115</b>	<b>139</b>	<b>136</b>	<b>116</b>	<b>99</b>
<b>Bulk carriers, Total</b>	<b>57</b>	<b>61</b>	<b>38</b>	<b>19</b>	<b>20</b>	<b>25</b>	<b>26</b>	<b>20</b>	<b>15</b>	<b>14</b>	<b>15</b>	<b>14</b>
<b>DWT (thousands)</b>	<b>805</b>	<b>1,107</b>	<b>767</b>	<b>544</b>	<b>607</b>	<b>1,152</b>	<b>1,270</b>	<b>925</b>	<b>575</b>	<b>321</b>	<b>604</b>	<b>579</b>

<sup>a</sup> Includes barge carriers.<sup>b</sup> Includes integrated tug/barges.

**NOTES:** Excludes nonmerchant type and/or U.S. Navy-owned vessels currently in the National Defense Reserve Fleet. Excludes ships operating exclusively on the Great Lakes and inland waterways and special types such as: channel ships, icebreakers, cable ships, and merchant ships owned by military forces. All data are as of December 31 of year shown.

**SOURCES:** 1960-1997:
 U.S. Department of  
 Transportation, Maritime Administration, *Merchant Fleets of the World* (Washington, DC:  
 Annual issues), and unpublished revisions.

1998-1999: Ibid., Personal communication, May 17, 2000.

 KEY: DWT = deadweight tons; N = data do not exist;  
 RO/RO = roll-on/roll-off vessels